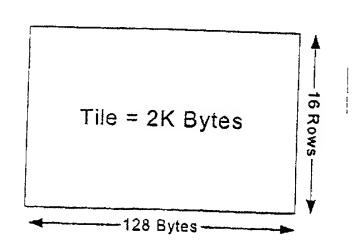


FIG. 2(a)



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FIG. 2(b)

QW	QW	aw	QW	QW	QW	QW	QW	QW	QW	QW	QW	QW	QW	QW	QW
Ω	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
QW	QW	QW	QW	QW	QW	QW	QW	QW	QW	QW	QW	QW	QW	QW	av
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
							4 ir 4								
							• • •								
							• • •								
QW	QW	QW	QW !	QW	<u>aw</u>	aw	aw	aw	QW.	QW	QW	i QW	QW	aw	Q

FIG. 3

	-		16 QWord Columns	>
4	QW 0	QW 16		QW 240
	QW 1	QW 17		QW 241
	QW 2	QW 18		QW 242
	QW 3	QW 19		QW 243
	QW 4	QW 20		QW 244
	QW 5	QW 21		QW 245
	QW 6	QW 22		QW 246
3	QW 7	QW 23		QW 247
	QW B	QW 24		QW 248
	QW 9	QW 25		QW 249
	QW 10	QW 25		QW 250
	QW 11	QW 27		QW 251
	QW 12	QW 28		QW 252
	QW 13	QW 29		QW 253
	QW 14	QW 30		QW 254
	QW 15	QW 31		QW 255

<u> 400</u>

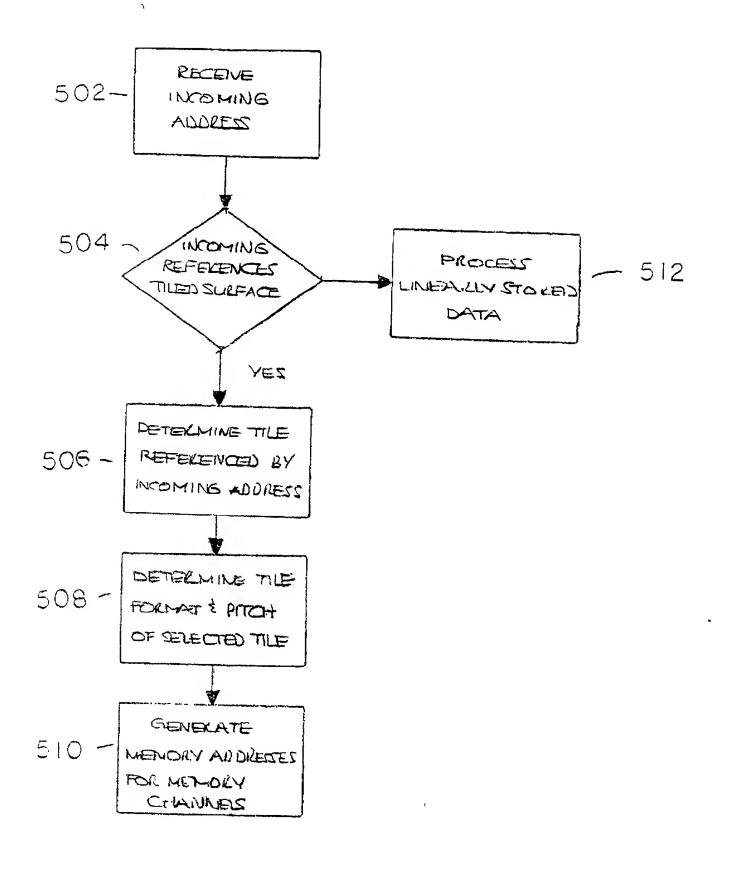


FIG. 5

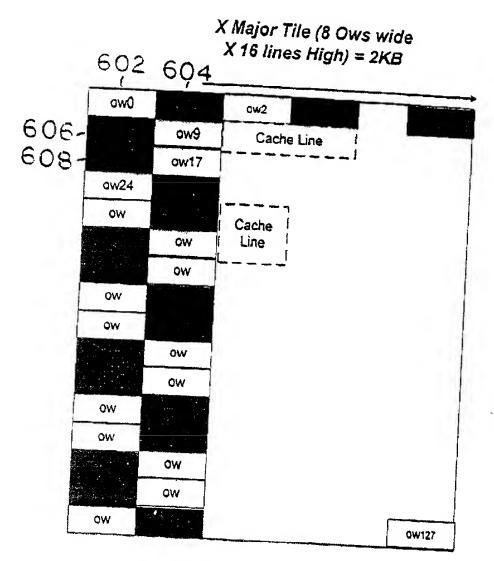


FIG. 6

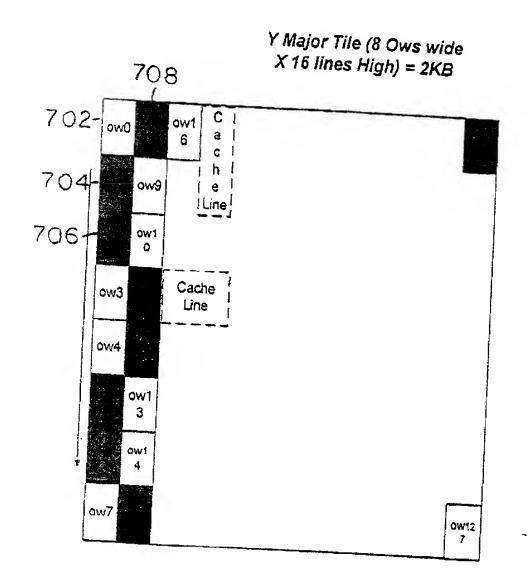


FIG. 7

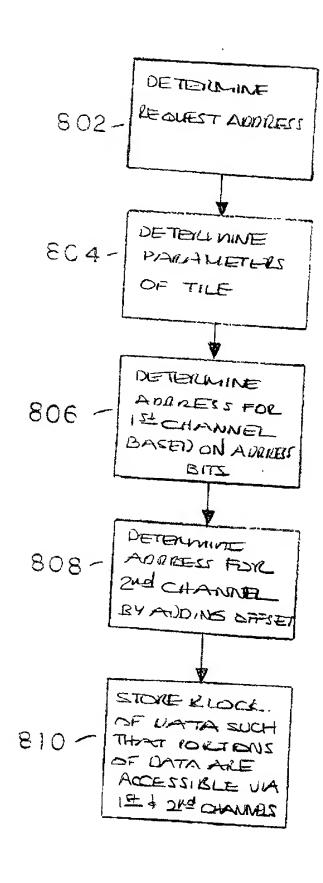


FIG. 8

#### Request Address (31:5) = Translated Tiled Address (31:5)

If (Tiled Addr [8] == '0' AND Tiled Addr [7] =='0') OR (Tiled Addr [8] == '1' AND Tiled Addr [7] =='1'):

Channel 0: Request Address

Channel 1: Request Address + 16B

if (Tiled Addr [8] == '0' AND Tiled Addr [7] =='1') OR

(Tiled Addr [8] == '1' AND Tiled Addr [7] == '0'):

Channel 0: Request Address + 16B

Channel 1: Request Address

## FIG. 9

#### Request Address (31:5) = Translated Tiled Address (31:5)

If (Tiled Addr [4] == '0' AND Tiled Addr [8] =='0') OR

(Tiled Addr [4] == '1' AND Tiled Addr [8] =='1'):

Channel 0: Request Address

Channel 1: Request Address + 128B

If (Tiled Addr [4] == '0' AND Tiled Addr [8] =='1') OR

(Tiled Addr [4] == '1' AND Tiled Addr [8] =='0'):

Channel 0: Request Address + 128B

Channel 1: Request Address

```
Request Address (31:5) = Translated Tiled Address (31:5)
```

If (Tiled Addr [4] == '0' AND Tiled Addr [7] =='0') OR
(Tiled Addr [4] == '1' AND Tiled Addr [7] =='1'):
Channel 0: Request Address
Channel 1: Request Address + 256B

If (Tiled Addr [4] == '0' AND Tiled Addr [7] =='1') OR (Tiled Addr [4] == '1' AND Tiled Addr [7] =='0'):

Channel 0: Request Address + 256B

Channel 1: Request Address

## FIG. 11

#### Request Address (31:5) = Translated Tiled Address (31:5)

If (Tiled Addr [5] == '0' AND Tiled Addr [4] =='0') OR (Tiled Addr [5] == '1' AND Tiled Addr [4] =='1'):

Channel 0: Request Address,

Qword (Tiled Addr [3]) = Qword 0 of Source

Qword :(Tiled Addr [3]) = Not Used/Updated.

Channel 1: Request Address + 128B,

Qword (Tiled Addr [3]) = Qword 1 of Source

Qword (Tiled Addr [3]) = Not Used/Updated.

If (Tiled Addr [5] == '0' AND Tiled Addr [4] =='1') OR (Tiled Addr [5] == '1' AND Tiled Addr [4] =='0'):

Channel 0: Request Address + 128B,

Qword (Tiled Addr [3]) = Qword 1 of Source

Qword (Tiled Addr [3]) = Not Used/Updated.

Channel 1: Request Address,

Qword (Tiled Addr [3]) = Qword 0 of Source

Qword (Tiled Addr [3]) = Not Used/Updated.

FIG. 12

```
Request Address (31:5) = Translated Tiled Address (31:5)
```

If (Tiled Addr [5] == '0' AND Tiled Addr [4] =='0') OR (Tiled Addr [5] == '1' AND Tiled Addr [4] =='1');

Channel 0: Request Address + 139

Channel 1: Request Address + 128B

If (Tiled Addr [5] == '0' AND Tiled Addr [4] =='1') OR (Tiled Addr [5] == '1' AND Tiled Addr [4] =='0'):

Channel 0: Request Address + 128B Channel 1: Request Address

# FIG. 13

### Request Address (31:5) = Translated Tiled Address (31:5)

If (Tiled Addr [7] == '0' AND Tiled Addr [5] =='0') OR (Tiled Addr [7] == '1' AND Tiled Addr [5] =='1'):

Channel 0: Request Address
Channel 1: Request Address + 16B

If (Tiled Addr [7] == '0' AND Tiled Addr [5] =='1') OR (Tiled Addr [7] == '1' AND Tiled Addr [5] =='0'):

Channel 0: Request Address + 16B

Channel 1: Request Address